

UNIT 6 LESSON 5A HOMEWORK*Percent of a Total*

Name: _____

Date: _____ Math: _____

Directions: Complete each problem. Show all steps of your work or thought process.

1. 216 of the 300 tests were passing grades. What percentage of the tests earned passing grades?

2. What percent of 25 is 13?

3. What percent of 16 is 20?

4. 52 of the 60 students were excited for spring break. What percentage of students were not excited for spring break?

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5. Sabrina helped make a mosaic for the Roman Banquet. She kept a record of the tiles she used. As an extra credit for math, she wanted to calculate what percent of the total mosaic was devoted to each color, but she got didn't quite know how to start.

Tile Color	Number of Tiles	Percent
Blue	3	
Green	18	
Orange	12	
Yellow	15	
Red	6	
Purple	21	

Explain in complete sentences how she can approach this problem, then show all work that you do to help her fill in the table.
